

Reviews of Modern Plasma Physics
Special issue: New Aspects of
Quantum Plasma Physics
Guest ed: Prof A Mamun



New Aspects of Quantum Plasma Physics

Contributing authors: G. Manfredi (France), G. Brodin (Sweden), B. Eliasson(UK), F. Haas (Brazil), A. P. Misra (India), etc.

Call for papers

We are pleased to announce a special issue planned for Reviews of Modern Plasma Physics on New Aspects of Quantum Plasma Physics. The special issue, with Prof. A A Mamun as a guest editor, will be a collection of high quality review articles by leading researchers.

The study of the physics of quantum plasmas is currently undergoing vigorous development. The constituents of astrophysical compact objects (viz. white dwarfs, neutron stars, black holes, etc.) are degenerate (quantum) plasmas, which are usually explained by different quantum models and approaches. Quantum plasmas also occur in many space environments and laboratory devices.

The aim of this special issue is to provide basic knowledge to understand the properties of different quantum plasma media and the fundamental features of the various types of linear and nonlinear waves propagating in them.

We are expecting submissions by 31 August 2021.



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